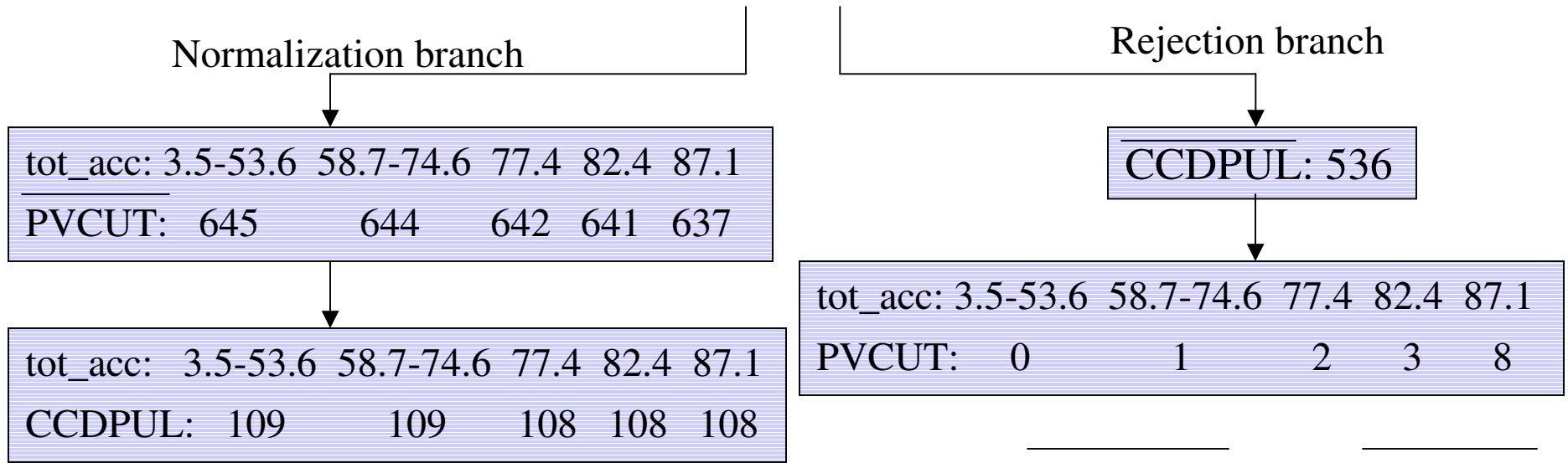


Preliminary background study for Kp2 target scatters (1/6 sample)

Setup cuts: (from Bipul + some improvisation...)

- **RECON**: BAD_RUN, BAD_BFIELD, STLAY, HEX-after, online trigger (simulated), lay>5
- **KCUTS**: COS3D, ZFRF, ZUTOUT, RSDEDX, UTCQUAL, RNGMOM, CHIRF, LAY14, PNN2BOX
- **PSCUT_KINK** (PSCUT02 w/o stuff that cut kinks explicitly) + UPTRS, RVTRS
- **TDCUT02**: IPIFLG, EV5, ELVETO, TDFOOL, TDVARNN + FITPI
- **DELCO6**
- **TGPVCUT**
- **TGCUTS**: all TG quality cuts EXCEPT the ones that need Toshio's fitter (CHI567, VERRNG, ANGI, CHI5MAX) and the ones measured (KINKCUT + CCDPUL)

5,347,700	PS_KINK : 131,389	TGPVCUT: 58,629
RECON: 4,955,210	TDCUT02: 80,237	PNN2BOX: 2,652
KCUTS: 313,626	DELCO6 : 65,103	TGCUTS : 645
AFTER ALL SETUP: 645		



	KINKCUT (xy-scats \equiv TGCUTS)	CCDPUL (z-scats)	KINKCUT (xy-scats, from previous studies)	CCDPUL (z-scats)
Background:	1.7	0.2	370 ± 261	536 ± 536
N/(R-1)	1.7	0.4	370 ± 261	268 ± 190
	2.6	0.6	246 ± 142	179 ± 103
	5.2	1.6	123 ± 50	67 ± 24